

2005-2007 INTERVENTIONS FOR ELECTRONICS CLUSTER
(as of Oct. 24, 2005)

Product/ Commodity	Goals	Objectives	Interventions/ Strategies Needed	Metrics/ Verifiable Indicative Source	Time Frame	Accounta ble Agency	Status	Accomplishments	Remarks/ Next Steps
Across all electronics products	Improve business environment	Address various concerns regarding the industry.	<p>Address the following concerns:</p> <ul style="list-style-type: none"> ◆ High cost of power through special arrangement with DOE for special power rates for big users. ◆ Industry specific guidelines on fixed term employment contracts & implementation of the compressed work-week. ◆ Issuance of department order on the issue of qualified theft. 	<p>Approval of Energy Efficiency Rider</p> <p>Draft guidelines on labor contracting arrangements in the electronics industry.</p>	June-Dec. 2005	DOE	X	Awaiting ERC decision	For "Fixed Term Employment" -Industry is working with DOLE to make sure Congress include issue on all pending bills on Labor
						DOLE	√	Implemented Compressed Workweek	
						DOJ	√	DONE	
Across all electronics products	Improvement of business environment.	Revise BS Engineering Curriculum to meet industry	Finalize Course description for specialization on Microelectronics &	Course description for Microelectron	July-Dec. 2005	CHED, UPEE	X	60% done.	Coordination with CHED and other concerned

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		requirement.	Biomedical Electronics.	ics & Biomedical electronics finalized.					agencies is on going
	Increase sales and investment in electronics sector.	Develop specific action plans to realize the scenarios in the ōin-country technology Foresight Projectö with industry & academe.	Draft action plans.	Finalize action plans	July- Dec. 2005	DOST- PCASTR D, UP- TMC	√	Roadmap which contains envisioned scenarios of HR in the country was finalized in October 2004 was submitted to APEC for appropriation of funding	For APEC appropriation of fund.
	Increase sales and investment in electronics sector.	Pursue collaboration with Taiwan on IC Design.	Arrange visit of Taiwan Task Force to Manila to determine the possibility of extending a training program by Taiwan to Philippine Engineers on IC Design.	Taiwan task force to Manila arranged.	2005	DTI-BOI	√	DONE.	Conduct of training by Taiwan professors in the Philippines to be held in December 2005.
	Increase exposure of Filipino- owned electronics companies.	Strengthening of the value chain for ODM technologies.	Link SMEs in the allied electronics industry with institutions that will provide financial/technological support.	Technopreneu rship program established.	On- going	EAIPI, DTI-BOI	√	The collaboration with Taiwan has component of linking SMEs with Taiwan institutions for technological support.	
	Strengthen	Aggressive	Participate in at least 3	Date/name/ve	Continu	EAIPI,	On-	80% done.	Preparations are being

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	Philippine Electronics Value Chain	investment & export promotion/Strengt hen the value chain of electronics	trade fairs.	nue of trade fair identified.	ing	DTI-BPS, DOST	going		undertaken to participate in the 4 th China's Commodities fair in Bangkok, Thailand in Dec 2005.
			Identify & conduct at least 6 investment missions e.g. invite identified suppliers in Taiwan & Japan to locate here and export.	Investment missions conducted.	Continu ing	BOI	√	Conducted investment seminar in Taiwan last June 2005 and met with prospective investors.	
			Conduct the Reverse Trade Fair: Industry Link	Reverse Trade Fair conducted.	Aug. 26-27, 2005	DTI- CITEM	√	DONE.	ASEAN RTF also to be conducted in June or July 2006 in the Phils.
			Supply Chain Analysis/ Conduct of an Industry Scan as to the existing capabilities of electronics companies in the country in conjunction with World Bank report.	Study finished by July 2006.	2005- July 2006	DTI-BOI, BETP, DOST, EAIPI	X	70% finished	Electronics BDT conducted Supply chain analysis meetings with 14 electronics companies in Cebu ,Tarlac & Clark.

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		Prepare specific guidelines on registration of electronics projects.	Conduct of marketing training program for technology for companies & engineers.	2 sessions per year	2005 & continuing	DTI-CITEM, EAIPI	X		
			Identify programs for products/niches for OEM/ODM and conduct R & D.			DTI-CITEM, DOST, EAIPI BOI	X		
			Conduct a study on RP copper industry in relation to leadframes manufacturing.	Study on RP copper done.	continuing				
			Develop guidelines that will spur high-technology activities & encourage technological advances.	Finalize and publish guidelines.	On-going	BOI, DTI-CITEM	√	Finalized guidelines for BOI registration of related activities in electronics sector including high tech activities.	
			Actively participate in various international fora (Taipei Summit, ASEAN PIP, etc.)	Promote and participate year round technical symposia; 1 symposia in 2005, 4 symposia in 2006.	On-going	DTI-BOI, SEIPI, EAIPI	√	BOI officials attended the Taipei Summit last May 2005. BOI convened The 5 th ASEAN Electronics Forum for the integration of Electronics in ASEAN last 05 August 2005 in Cebu City.	

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		Increase the number of MS and PhD graduates.	Convene in high level meeting to get the support of concerned gov't. agencies, i.e., CHED, DOST, NEDA)	High level meeting convened.	On-going	DTI-BOI, SEIPI	√	DONE. SEIPI convened series of meetings to realize P/GMA directive to support the industry in its MS/PhD Program. Need to monitor CHED 135M government commitment/support for teachers scholarship program. PMS Sec. Tiglao instructed CHED to submit monthly status report on their commitment to SEIPI's MS/PhD Program.	SEIPI, thru its collaboration with Department of Science and Technology (DOST)/Philippine Council for Advanced Science and Technology Research and Development (PCASTRD), is offering scholarships for twenty (20) employees of SEIPI member-companies under the SEIPI-PCASTRD Local Graduate Scholarship Program

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			<p>Consolidate specific course descriptions for each of the areas of specialization. After consolidation, CHED to publish to concerned universities. Public hearings on proposed curriculum to follow.</p> <p>Cluster research concept among government, academe & industry to improve capability & global competitiveness.</p>	<p>No. of proposals or project partnership.</p>	<p>July- Dec. 2005</p>	<p>CHED, TPETA thru its task Force on Electronics & Communications Engineering.</p> <p>DTI-BOI, CHED, DOST, Industry (EAIPI, SEIPI) DTI-BOI, CHED,</p>	<p>X</p> <p>X</p>		<p>starting this coming semester, for full o part-time study of the Masteral Degree courses in Engineering</p>

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	Increase in the number of qualified design engineers.	Improvement of business environment	Initiate linkages of Phil. Academe with leading US universities (Berkeley & Stanford). Partner with EDA developers to establish and RD & E training center that will generate more design engineers & attract investments in design houses. Collaborate with Taiwan on donation of lab-scale wafer fab that will complement trainings on design.		Oct. 2005 On-going stopped	DOST, ACADEME, EAIPI DTI-FTSC TESDA & EAIPI DOST-PCASTRD	X X X	Stopped	Instead of the wafer lab, the Minister of Economic Affairs of Taiwan, recommended collaboration on trainings on IC design.
		Industry and TESDA to partner on dual training system.	EAIPI to identify its skills requirements. TESDA to schedule preparatory activities for skills standards.	Skills requirement identified & scheduled.	Sept. 2005	TESDA & EAIPI	X		

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		Government to package program for high school/college students with end-view of imbining high technology orientation, link with technology fairs in schools.	Sustain annual Robotics & Investors Competition & extend to college.	Program sustained.	July 2005	CHED, DepED, DOST, EAIPI, PCE BPS, BOI	√	Annual Robotics held last July 2005 at the Phil.. Science High School	
			Promote/ advocate technopreneurship among high school & college students & properly incubate new technology-oriented SMEs.	No. of new S & T entrepreneur per year.	July 2005	TESDA & EAIPI	X		
		BPS to provide list of testing equipment available.	Draw up requests and advocacy plan to develop standards compliance testing program.	Companies with quality certification.	Continu ng	CHED, DepED, DOST, EAIPI, PCE, BPS, BOI			
		BOI to explore conduct of standards training for EAIPI members.	EAIPI to communicate with BPS to conduct standards for review of EAIPI members.	Standards training conducted.	contin ing	BOI, BPS, EAIPI			
			EAIPI to communicate with BOI to conduct			EAIPI, BPS			

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			<p>standards of training for EAIPI members.</p> <p>Commercialize original design technologies by providing linkages to financing, market & standards.</p>		on-going	BOI, BPS			